

# 골화를 동반한 만성 경막외혈종

- 증례 보고 -

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= Abstract =

## Chronic Epidural Hematoma with Ossification

- A Case Report -

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We report a case of 15 year - old female patient with a ossified chronic epidural hematoma. She had had head trauma 10 weeks previously and conservative care for delayed onset epidural hematoma at other hospital. Ossification was identified about 4 weeks after head injury and then progressed rapidly. We removed the chronic epidural hematoma with thick capsule and newly formed bone. The mechanism of the ossification associated with cephalhematoma and chronic subdural hematoma is reviewed and discussed.

**KEY WORDS :** Chronic epidural hematoma · Ossification · Calcification.

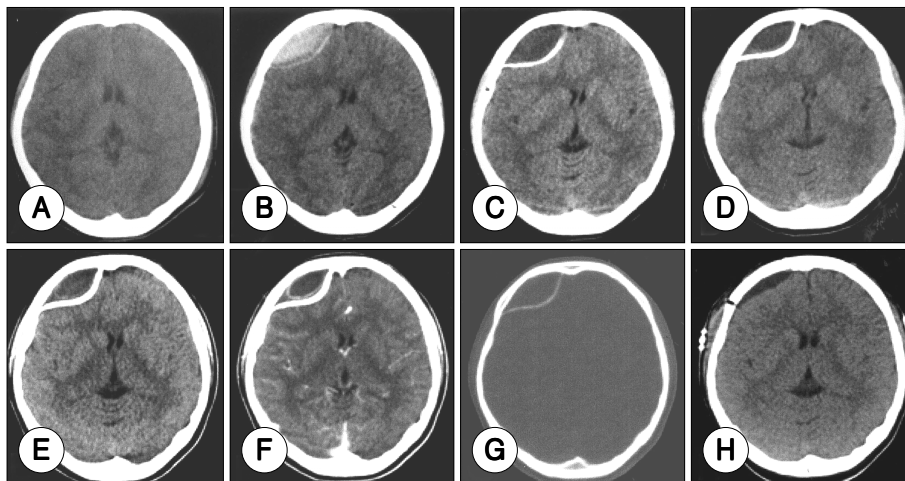
### 서 론

### 증 례

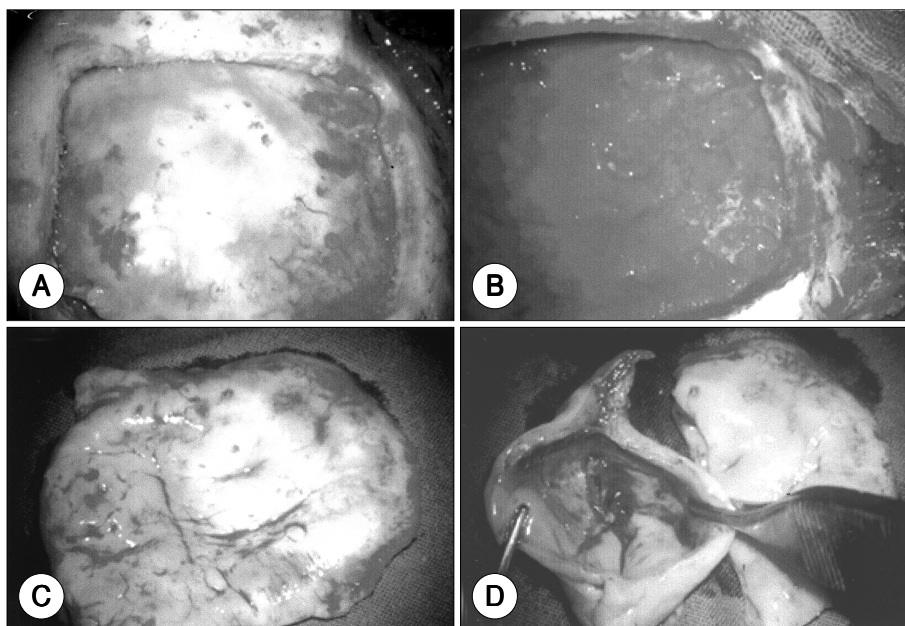
(cephalhematoma) 15 , , .  
가 .  
von Rokitansky<sup>9)</sup>가 .  
10  
(CT)  
가 3)4)7)9)  
Nagane<sup>8)</sup> 16 CT  
40 3.0 × 4.5cm  
, Yoshida<sup>10)</sup> 14  
3 32 CT ,  
4 (hematoma capsule)  
60 CT 2~3mm  
10

가 가 가  
3~4mm가  
73 CT  
(Fig. 2).  
가  
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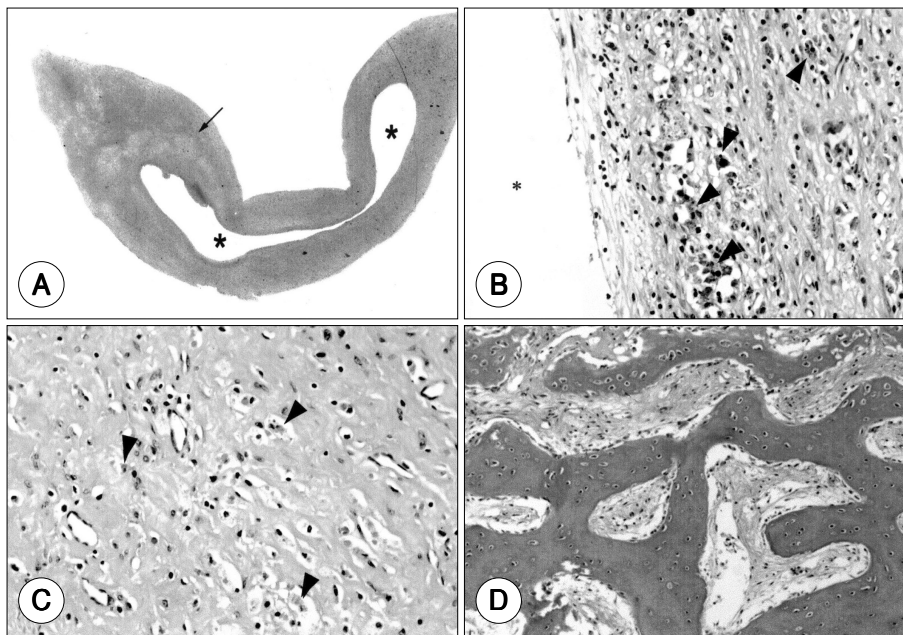
2~  
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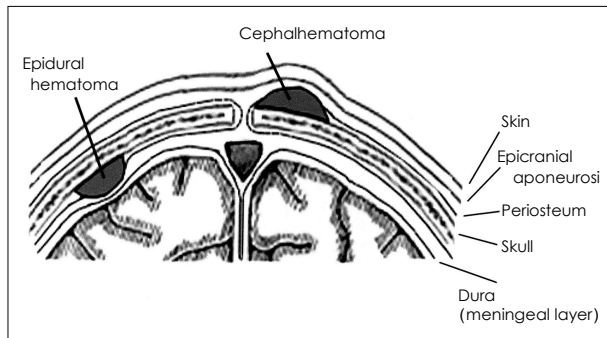


**Fig. 1.** Serial CT scan. A : Immediate post-trauma CT scan showing no hemorrhage. B : A CT scan (post-trauma, 16th day) showing subacute epidural hematoma at right frontal area. C : A CT scan (post-trauma, 32nd day) showing chronic epidural hematoma with calcification. D : A CT scan (post-trauma, 60th day) showing more thickened ossification. E-G : CT scans (post-trauma, 73rd day) showing enhanced hematoma capsule and ossification. H : Post-operative CT showing totally removed epidural hematoma with surrounding capsule and ossification.



**Fig. 2.** Operative findings. A : After bone-flap is removed, a yellowish hematoma capsule is identified. B : The capsule is removed and the newly formed bone is seen. It was firmly attached to the dura. C : The removed hematoma capsule. D : After the hematoma capsule is cut in two, the hematoma cavity and thick capsule are identified.

[illegible]



**Fig. 4.** Location and relationship between epidural hematoma and cephalhematoma of scalp, skull and dura.

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50

X

가 4

(fibroblast) 2~3

(sinusoidal channel)가

가

(hyalinization)가

가

(Fig. 4).

가

가 4 , 2

CT

결 론

• : 2001 4 6

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